

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	US-20020160241-A1.did. or US-20020160239-A1.did.	US-PGPUB	OR	ON	2005/02/01 07:32

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2739	@pd<="20030721" and ((429/12, 17,26,30).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L2	1461	@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L3	437	((429/12,17,26,30).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L4	360324	reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L5	102	((429/12,17,26,30).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))) and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L6	11	("000860", "115194").ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L7	6	("906336").ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L8	35	@pd<="20030721" and (((((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) same reactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L9	137835	cool\$3 adj1 water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L10	1999	((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)) same (cool\$3 adj1 water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L11	1395	(((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)) same (cool\$3 adj1 water)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L12	147	((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)) same (cool\$3 adj1 water) same (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L13	7	(("4650727") or ("5401589") or ("3982962") or ("6207122") or ("6190623") or ("6132689") or ("4522894")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L14	990	(eggert-anthony or friedman-david or badrinarayanan or ramaswamy or heinz-hauer).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L15	23	((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC) and ((eggert-anthony or friedman-david or badrinarayanan or ramaswamy or heinz-hauer).in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L16	19	anode adj2 stoichiometry	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L17	607116	(US-20030031900-A1.DID. and (((429/30   429/26   429/17   429/12).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))) and reactor)) or "2.0" or (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) same reactor)) or "5.0"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L18	132	((US-20030031900-A1.DID. and (((429/30   429/26   429/17   429/12).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))) and reactor)) or "2.0" or (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) same reactor)) or "5.0") and ((ratio adj2 steam adj3 carbon) or S:C)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L19	91	((US-20030031900-A1.DID. and (((429/30   429/26   429/17   429/12).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))) and reactor)) or "2.0" or (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) same reactor)) or "5.0") and ((ratio adj2 steam adj3 carbon) or S:C)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L20	13	((((US-20030031900-A1.DID. and (((429/30   429/26   429/17   429/12).ccls.) and (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC))) and reactor)) or "2.0" or (@pd<="20030721" and (((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) same reactor)) or "5.0") and ((ratio adj2 steam adj3 carbon) or S:C)) and @pd<="20030721") and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L21	1	("6156184").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L22	1	("6376113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L23	11	"6376113".URPN.	USPAT	OR	ON	2005/02/07 08:21

L24	132	("3094391"   "3336730"   "3338681"   "3350176"   "3469944"   "3765946"   "3787038"   "3849076"   "3857735"   "3920416"   "3955941"   "3980452"   "3982910"   "4003343"   "4003725"   "4098959"   "4098960"   "4127393"   "4132668"   "4134739"   "4197152"   "4238403"   "4302177"   "4315893"   "4329157"   "4349613"   "4381641"   "4387434"   "4400182"   "4444158"   "4466253"   "4472176"   "4473622"   "4533607"   "4553981"   "4567857"   "4583583"   "4642273"   "4644751"   "4650814"   "4654063"   "4657828"   "4659634"   "4670359"   "4684581"   "4713234"   "4751151"   "4781241"   "4788004"   "4810485"   "4820594"   "4838897"   "4865624"   "4880040"   "4904455"   "4904548"   "4946667"   "4981676"   "5030661"   "5198002"   "5200278"   "5229222"   "5326550"   "5335628"   "5344721"   "5354547"   "5366818"   "5366821"   "5393325"   "5401589"   "5417051"   "RE35002"   "5432710"   "5449848"   "5458857"   "5478662"   "5498278"   "5509942"   "5525322"   "5527632"   "5612012"   "5616430"   "5631820"   "5637259"   "5637414"   "5639431"   "5645626"   "5658681"   "5677073"   "5705916"   "5712052"   "5714276"   "5734092"   "5741474"   "5763113"   "5771476"   "5780179"   "5782960"   "5795666"   "5798186"   "5811065"   "5814112"   "5821185"   "5833723"   "5846669"   "5858314"   "5861137"   "RE36148"   "5897766"   "5897970"   "5932181"   "5938800"   "5985474"   "5997594"   "5998053"   "6007931"   "6022634"   "6042956"   "6045772"   "6045933"   "6054229"   "6077620"   "6083637"   "6103411"   "6120923"   "6165633"   "6171574"   "6187066"   "6190623"   "6201029"   "6221117"   "6242120").PN.	USPAT	OR	ON	2005/02/07 08:21
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L25	132	( "3094391"   "3336730"   "3338681"   "3350176"   "3469944"   "3765946"   "3787038"   "3849076"   "3857735"   "3920416"   "3955941"   "3980452"   "3982910"   "4003343"   "4003725"   "4098959"   "4098960"   "4127393"   "4132668"   "4134739"   "4197152"   "4238403"   "4302177"   "4315893"   "4329157"   "4349613"   "4381641"   "4387434"   "4400182"   "4444158"   "4466253"   "4472176"   "4473622"   "4533607"   "4553981"   "4567857"   "4583583"   "4642273"   "4644751"   "4650814"   "4654063"   "4657828"   "4659634"   "4670359"   "4684581"   "4713234"   "4751151"   "4781241"   "4788004"   "4810485"   "4820594"   "4838897"   "4865624"   "4880040"   "4904455"   "4904548"   "4946667"   "4981676"   "5030661"   "5198002"   "5200278"   "5229222"   "5326550"   "5335628"   "5344721"   "5354547"   "5366818"   "5366821"   "5393325"   "5401589"   "5417051"   "RE35002"   "5432710"   "5449848"   "5458857"   "5478662"   "5498278"   "5509942"   "5525322"   "5527632"   "5612012"   "5616430"   "5631820"   "5637259"   "5637414"   "5639431"   "5645626"   "5658681"   "5677073"   "5705916"   "5712052"   "5714276"   "5734092"   "5741474"   "5763113"   "5771476"   "5780179"   "5782960"   "5795666"   "5798186"   "5811065"   "5814112"   "5821185"   "5833723"   "5846669"   "5858314"   "5861137"   "RE36148"   "5897766"   "5897970"   "5932181"   "5938800"   "5985474"   "5997594"   "5998053"   "6007931"   "6022634"   "6042956"   "6045772"   "6045933"   "6054229"   "6077620"   "6083637"   "6103411"   "6120923"   "6165633"   "6171574"   "6187066"   "6190623"   "6201029"   "6221117"   "6242120").PN.	USPAT	OR	ON	2005/02/07 08:21
L26	4	(( "6544494" ) or ( "6630260" ) or ( "6709780" ) or ( "6615872" )).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21

L27	2941	((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L28	38	((high adj1 temperature) with ( proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or HT-PEMFC or HTPEMFC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L29	317	@pd<="20030721" and ((anode adj2 stoichiometry) or stoich or stoic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L30	866	(429/19).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L31	584	@pd<="20030721" and ((429/19).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L32	86	(((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or PEMFC or PEMFC) and (@pd<="20030721" and ((429/19).ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L33	28410	superheater or superheat or superheated	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L34	16233	((superheater or superheat or superheated) with (steam or (water adj1 vapor) or water)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L35	245	((superheater or superheat or superheated) with (steam or (water adj1 vapor) or water)) and @pd<="20030721") and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L36	1	("5360679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L37	4364	(429/12,17,19,26,30).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L38	414	(anode adj2 stoichiometry) or stoich or stoic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L39	7	(((anode adj2 stoichiometry) or stoich or stoic) with "1.0") or (((anode adj2 stoichiometry) or stoich or stoic) with "1.3")) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L40	1	("6103393").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L41	6	"815380".ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L42	5	"532917".ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L43	0	((("6103393").PN.) or "815380".ap. or "532917".ap.) and ((anode adj2 stoichiometry) or stoich or stoic)	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21

L44	26	((anode adj2 stoichiometry) or stoich or stoic) same ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L45	11385	(ratio adj2 oxygen adj3 carbon) or (ratio adj2 oxygen adj3 methane) or O:C or O2:CH4 or O:CH4 or (ratio adj2 air adj3 fuel) or O/C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L46	35	((ratio adj2 oxygen adj3 carbon) or (ratio adj2 oxygen adj3 methane) or O:C or O2:CH4 or O:CH4 or (ratio adj2 air adj3 fuel) or O/C) same ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L47	212690	compress\$2 adj3 air	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L48	1020	((reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) with (compress\$2 adj3 air)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L49	3400223	steam or (water adj1 vapor) or water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L50	845	((reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) same (compress\$2 adj3 air) same (steam or (water adj1 vapor) or water)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L51	141	((reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) same (compress\$2 adj3 air) same (steam or (water adj1 vapor) or water)) and @pd<="20030721" and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L52	18099	(superheater or superheat or superheated) with (steam or (water adj1 vapor) or water)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L53	20	((reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) same (compress\$2 adj3 air) same (steam or (water adj1 vapor) or water)) and @pd<="20030721" and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))) and ((superheater or superheat or superheated) with (steam or (water adj1 vapor) or water))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L54	3183	((inject\$2 or introduce) with water) same (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L55	164	((inject\$2 or introduce) with water) same (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) same reactant	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L56	143	((((inject\$2 or introduce) with water) same (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)) same reactant) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L57	129	((inject\$2 or introduce) with water) same (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L58	24550	general adj motors.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L59	28415690	@pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L60	135842	(fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L61	346	(general adj motors.as.) and @pd<="20030721" and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L62	621	grasso.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L63	76	grasso.in. and @pd<="20030721" and ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L64	1669	(ratio adj2 steam adj3 carbon) or S:C or S/C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L65	579577	reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L66	36	((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) same ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L67	139	((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L68	103	((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) not (((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) same ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L69	79	((((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) not (((ratio adj2 steam adj3 carbon) or S:C or S/C) with (reformer or (primary adj1 reactor) or SR or ATR or (auto adj1 thermal adj1 reactor) or reactor or (reaction adj1 vessel) or (catalytic adj2 reactor))) same ((fuel adj1 cell) or (FC) or (PEMFC) or(PEM adj3 (fuel adj1 cell)) or HTPEMFC or HT-PEMFC or ((high adj1 temperature) adj2 PEMFC) or ((high adj1 temperature) adj2 FC) or ((high adj1 temperature) adj2 (PEM adj3 (fuel adj1 cell))) or (HTPEM adj3 (fuel adj1 cell)) or (HT-PEM adj3 (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) with (fuel adj1 cell)) or ((proton adj1 exchange adj1 membrane) adj3 FC) or (PEM adj3 FC) or(HT adj2 (proton adj1 exchange adj1 membrane) adj3 FC))) and @pd<="20030721"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L70	1	("5360679").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L71	6	"749298".ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L72	5	"121189".ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L73	4	"287207".ap.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L74	133	(condenser or condensor) same ((anode or (fuel adj2 cell) or (fuel adj2 side)) adj3 (exhaust or outlet))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L75	65650	(inject\$2 or introduce) with water	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21
L76	451	dine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 08:21

L77	4	(("5043232") or ("6103411") or ("6120923") or ("4375405")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:21
L78	390	bloomfield.in.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L79	9646	(preheat or heat) with (compressor or compressor) with (air or oxygen or nitrogen)	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L80	27	(preheat or heat) with (reformate or (reformed adj1 (gas or fuel)) or (hydrogen adj1 rich adj1 (gas or stream))) with ((anode adj1 exhaust) or (excess adj1 (hydrogen or (reformate or (reformed adj1 (gas or fuel)) or (hydrogen adj1 rich adj1 (gas or stream))))))	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21
L81	56	gittleman.in.	US-PGPUB; USPAT	OR	ON	2005/02/07 08:21